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PTO/SB/21 (08/90)

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(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

10 + 34
REF

Application Number

10/044,463

Filing Date

January 10, 2002

First Named Inventor

Davide R. GRASSETTI

Group Art Unit

3736

Examiner Name

To Be Assigned

Attorney Docket No.

497872000400

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Morrison & Foerster LLP, 755 Page Mill Rd, Palo Alto, California 94304-1018

or

Individual Name

Terri M. Shieh-Newton, Reg. No. 47,081

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PATENT
Docket No. 497872000400

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TECHNOLOGY CENTER R3700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Davide R. GRASSETTI and
Camillo MORO

Serial No.: 10/044,463

Filing Date: January 10, 2002

For: METHOD OF IMMUNOMODULATION
USING THIONE-FORMING
DISULFIDES

Examiner: To Be Assigned

Group Art Unit: 3736

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of * is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of * is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **497872000400**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

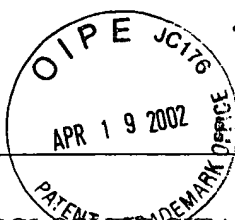
Dated: April 15, 2002

Respectfully submitted,

By: 

Terri M. Shieh-Newton
Registration No. 47,081

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 497872000400	Application Number 10/044,463
	Applicant Davide R. GRASSETTI and Camillo MORO	
	Filing Date January 10, 2002	Group Art Unit 3736
	Mailing Date April 15, 2002	

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U.S. PATENT DOCUMENTS

APR 23 2002

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass TECHNOLOGY CENTER #3700	Filing Date If Earlier Than
	1.	08/03/1971	3,597,160	Grassetti			
	2.	10/17/1972	3,698,866	Grassetti et al.			
	3.	05/01/1979	4,152,439	Grassetti			
	4.	03/29/1983	4,378,364	Grassetti			
	5.	06/01/1999	5,908,861	Kun			
	6.	03/28/2000	6,043,256	Grassetti			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	7.	03/09/1976	985,170	Canada			
	8.	02/18/1999	WO 99/07368	WIPO			

OTHER DOCUMENTS

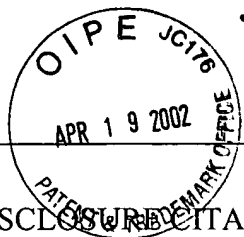
(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	9.	Anderson et al. (1980). "T-cell-dependent B-cell Stimulation is H-2 Restricted and Antigen Dependent Only at the Resting B-cell Level," <i>PNAS</i> 77(3):1612-1616.
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	13.	Daves et al. (1964). "Pyrimidines. XIII. 2- and 6-Substituted 4-Pyrimidinecarboxylic Acids," <i>J. Heterocyclic Chem.</i> 1:130-133.
	14.	Dröge et al. (1991). "Modulation of Lymphocyte Functions and Immune Responses by Cysteine and Cysteine Derivatives," <i>Am. J. Med.</i> 91(3C):140-144.

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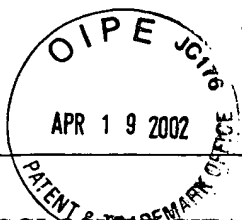


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15.	Fox, H.H. and J.T. Gibas. (1958). "Nuclear Substitution Derivatives of Isonicotinic Acid," <i>J. Org. Chem.</i> 23:64-66.
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28.	Möller, G. ed. (1987). "Activation Antigens and Signal Transduction in Lymphocyte Activation," <i>Immunol Rev.</i> 95:1-194. (Table of Contents Only).
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30.	Rath, C. (1931). "Mercaptane und Sulfosäuren des Pyridins," <i>Justus Liebigs Ann. Chem.</i> 487:105-119.
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